



MAR 09 1999

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Volkmar UHLENDORF et al. : Group Art Unit: 3642

Serial No.: 09/228,972 *Myh* : Examiner: D. Pihlic

Filed: January 12, 1999 :

For: ULTRASONIC PROCESSES AND CIRCUITS FOR PERFORMING THEM

*D. Pihlic*  
3/17/99  
*K. Pollock*

### **SECOND PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

*3/18/99*  
Prior to examination of the above-identified application, kindly amend the application as follows.

### **IN THE SPECIFICATION**

Add the drawing Figures 1-10 submitted in the Submission of Formal Drawings filed concurrently.

**RECEIVED**

*MAR 16 1999*

**GROUP 3600**

Add the following new claims:

*16-39.* A process for imaging an examination area containing an ultrasonic contrast agent, which comprises:

*C1* subjecting the examination area to ultrasonic energy of frequency,  $f_o$ , and imaging the examination area using reflected and/or backscattered signals generated by non-linearity of the contrast agent.

*17-40.* The process of claim *39*, wherein the examination area is subjected to ultrasonic energy in a broad bandwidth.

03/12/1999 MMARHOL 00000140 09220972

01 FC:102  
02 FC:103

156.00 OP  
90.00 OP

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